

COMPOUND EVALUATION FORM

Compound Name: Sulfadiazine	Container-closure system(s): Amber Plastic Bottle
Strength: 100 mg/mL	Preservatives: Contained in Ora-Plus and Ora-Sweet
Dosage Form: Oral Suspension	Beyond Use Date (compound type): 60 days (preserved aqueous)
Product Description: Opaque Suspension	Storage: Refrigerate (preferred) or Room Temperature
Auxiliary Labels: Shake Well, Refrigerate	
Quality control procedures (ex: pH test, etc.): None	
Ingredients: Sulfadiazine 500 mg oral Tablets Ora Plus Ora Sweet	

Instructions for preparation:

1. Crush tablets in a mortar and triturate to a fine powder.
2. Wet powder with a minimal amount of Ora-Plus and levigate to form a viscous, but smooth and uniform paste.
3. Add small amounts of Ora-Plus, geometrically, mixing well after each addition until pourable volume.
4. Transfer to a graduate.
5. Rinse mortar with Ora-Plus, adding rinse to graduate.
6. QS to final volume with Ora-Sweet. Stir well.

Calculations:**Equipment/ Supplies:**

<input checked="" type="checkbox"/> Mortar and Pestle	<input checked="" type="checkbox"/> Stirring rod	<input type="checkbox"/> Ointment slab
<input checked="" type="checkbox"/> Graduated cylinder(s)	<input type="checkbox"/> Spatula	<input type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber plastic bottle	<input type="checkbox"/> Ointment jar
<input checked="" type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> Funnel

References:

1. United States Pharmacopeial Convention, Inc. USP Pharmacist's Pharmacopeia. 2nd ed. Rockville, MD: US Pharmacopeial Convention, Inc.; 2008: 775-779, 797-831, 1463.
2. Sulfadiazine 100mg/mL Oral Suspension. IJPC. 2011; 15 (5): 426.
3. Mace A, Fabienne A, Burgot G. Stability of sulfadiazine in an extemporaneously compounded oral suspension. 36th ASHP Midyear Clinical Meeting and Exhibits Poster Presentation. New Orleans, LA. December 1-2, 2001. AJHP 2001; 58 (20): 1962-1982.

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4. Ferreira A et al. *Journal of Pharmaceutical and Biomedical Analysis* 118(2016): 105-112.

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